

Accessibility in e-Learning

Additional Resources and
References

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Accessibility Specifications

W3C Web Content Accessibility Guidelines 2.0

<http://www.w3.org/TR/WCAG20/>

W3C Authoring Tool Accessibility Guidelines 2.0

<http://www.w3.org/TR/ATAG20/>

W3C Accessible Rich Internet Applications (WAI-ARIA)

<http://www.w3.org/TR/wai-aria/>

Section 508 Reference Guide E-Learning and Multimedia

<http://www.uspto.gov/about/offices/cio/section508/06elearning.jsp>

Section 508 Summary Requirements

<http://accessibility.psu.edu/section508>

e-Learning Accessibility

Accessibility to E-Learning for Persons with Disabilities: Strategies, Guidelines, and Standards

<http://www.ecampusalberta.ca/sites/default/files/pdf/AcssToELrng%20Final%20for%20web.pdf>

Developing a Holistic Approach for E-Learning Accessibility

<http://cilt.csj.ualberta.ca/index.php/cilt/article/view/138/131>

Learning Styles (VAK)

http://en.wikipedia.org/wiki/Learning_styles#Neil_Fleming.27s_VAK.2FVARK_model

Accessibility Guide for Teachers

http://e-standards.flexiblelearning.net.au/implementation/accessibility/accessibility_guide_for_teachers/index.php

E-Learning Accessibility

<http://www.slideshare.net/SaffronInteractive/elearning-accessibility-3536180>

E-Learning Accessibility (W3C)

http://www.w3.org/WAI/RD/wiki/E-learning_Accessibility

E-Learning Accessibility (UCL)

www.ucl.ac.uk/isd/common/accessibility/e-learning_accessibility2

Accessibility of E-Learning (OpenU)

<http://www.open.edu/openlearn/education/professional-development-education/accessibility-elearning/content-section-0>

Developing Accessible E-Learning

<https://www.sbbartgroup.com/blog/2012/08/16/developing-accessible-e-learning-where-to-begin/>

Universal Instructional Design

<http://www.utoronto.ca/~ability/Publication%20-%20Universal%20Instructional%20Design%20University%20of%20Toronto%20Scarborough.pdf>

CJLT – Accessible E-Learning Practices (2006)

<http://www.cjlt.ca/index.php/cjlt/article/view/56/53>

Accessible and Inclusive E-Learning for All (2005)

<http://www.altformat.org/xstandard/A%20guide%20to%20ensuring%20your%20e-learning%20materials%20are%20accessible%20and%20inclusive.pdf>

Resources and Tools to Help with E-Learning Accessibility

<http://www.vadsa.org/ace/resources.htm>

<http://www.vadsa.org/ace/accessibility.htm>

Accessibility – E-Learning Faculty Modules

<http://elearningfacultymodules.org/index.php/Accessibility>

LMS Accessibility

LMS Accessibility

<http://projectone.cannect.org/online-education/lms-accessibility.php>

<http://projectone.cannect.org/appendix.php>

<http://projectone.cannect.org/index.php>

CAL State Accessible Technology Initiative

<http://www.calstate.edu/Accessibility/webaccessibility/evaluation/index.shtml>

Distance Learning: How Accessible Are Online Educational Tools (2008)

<http://www.afb.org/section.aspx?FolderID=3&SectionID=3&TopicID=138&DocumentID=4492>

Comparison of LMS Accessibility

<http://blog.bargirangin.com/2013/03/a-comparison-of-learning-management.html>

Blackboard Accessibility Statement

https://help.blackboard.com/en-us/Learn/9.1_SP_10_and_SP_11/Administrator/000_Product_Updates/010_Learn_Accessibility_Conformance_Statement

Desire2Learn Accessibility

<http://www.desire2learn.com/products/accessibility/standards/>

Desire2Learn Accessibility Resources for Instructors

<http://www.desire2learn.com/products/accessibility/instructor-resources/>

Desire2Learn Screen Reader Tips

<http://www.desire2learn.com/products/accessibility/resources/screen-reader/>

Canvas Accessibility

<https://github.com/instructure/canvas-lms/issues/201>

<http://www.instructure.com/canvas-vpat>

<http://brown.edu/it/canvas/>

E-Learning Software Reviews

<https://wiki.state.ma.us/confluence/display/assistivetechologygroup/e-Learning+Software+Reviews>

General Accessibility Tips

Ten Simple Steps Toward Universal Design of Online Courses

<http://ualr.edu/pace/tenstepsud/>

Top Ten Tips for Accessibility

<http://www.saffroninteractive.com/top-ten-tips-for-accessibility/>

WebAIM Introduction to Web Accessibility

<http://webaim.org/intro/>

How People with Disabilities Use the Web

<http://www.w3.org/WAI/intro/people-use-web/Overview.html>

Using JAWS to Evaluate Web Accessibility

<http://webaim.org/articles/jaws/>

Easy Accessibility Testing with the NVDA Screen Reader

<http://developer.yahoo.com/blogs/ydn/easy-accessibility-testing-nvda-screen-reader-7818.html>

Courses and Workshops

Accessibility of E-Learning Courses (Open University)

<http://labspace.open.ac.uk/course/view.php?id=4939>

Understanding Web Accessibility (OCAD/IDRC)

<http://courses.idrc.ocad.ca/bounce.php?course=1>

Introduction to Web Accessibility (Google Developers)

<https://webaccessibility.withgoogle.com/course>

Accessibility Features on Android

<https://www.udemy.com/accessibility-features-on-android/>

Research in Accessible e-Learning

E-Learning and Disability: Accessibility as a Contribute to Inclusion

http://www.academia.edu/2061905/E-learning_and_disability_accessibility_as_a_contribute_to_inclusion

E-Learning and Disability in Higher Education – Accessibility research and practice (GB) (2006)

<http://books.google.ca/books?id=2d67isitcYUC&pg=PA203&lpg=PA203&dq=best+practices+accessible+elearning&source=bl&ots=AWqQetju0E&sig=0rJJXk-RJNQqECMlrKf13-TgKUU&hl=en&sa=X&ei=sR6OUofnJofVrgH6t4G4Bg&ved=0CFcQ6AEwAzgK#v=onepage&q=best%20practices%20accessible%20elearning&f=false>

Disabled Learners' Experiences of E-Learning (JISC 2008)

<http://www.jisc.ac.uk/whatwedo/programmes/elearningpedagogy/lexdis.aspx>

E-Learning and Accessibility: An Exploration of the Potential Role of Generic Pedagogical Tools (ACM 2010)

<http://dl.acm.org/citation.cfm?id=1749757>

Implementing a Holistic Approach to E-Learning Accessibility

<http://opus.bath.ac.uk/441/4/accessibility-elearning-paper.doc>

Accessible E-Learning and Educational Technology (2007)

http://hal.archives-ouvertes.fr/docs/00/25/71/38/PDF/242_Final_Paper.pdf

Learning for the Vision Impaired: A Holistic Perspective (2013)

<http://www.academic-journals.org/ojs2/index.php/IJCSE/article/viewFile/1029/136>

Multimedia Content

Video Accessibility

<http://www.3playmedia.com/how-it-works/webinars/video-accessibility-best-practices-teaching-learning/>

Inclusive Learning Online Update (2011)

<http://vimeo.com/23790904>

Google Developers Live: Accessibility MOOC

<https://developers.google.com/live/shows/919837902>

Enhanced Accessibility Support in Adobe Captivate
<http://www.youtube.com/watch?v=ExvhRsz33wU>

Screen Readers

JAWS 15 (free 40-minute mode download)
<http://www.freedomscientific.com/downloads/jaws/jaws-downloads.asp>

NVDA Open Source Screen Reader
<http://www.nvaccess.org/download/>

ChromeVox (Screen Reader for Chrome Web Browser)
<http://www.chromevox.com/>

Mobile Accessibility Testing

Setting Up iOS and Android for Mobile Accessibility Testing
<http://www.interactiveaccessibility.com/blog/ios-and-android-mobile-accessibility>

Authoring Accessible Content

CK Editor (HTML WYSIWYG Editor)
<http://ckeditor.com/blog/CKEditor-WAI-ARIA-Usable-Accessibility>

TinyMCE (HTML WYSIWYG Editor)
<http://www.tinymce.com/>

Flash Accessibility Best Practices
<http://www.adobe.com/accessibility/products/flash/best-practices.html>

Flash Accessibility FAQ
<http://www.adobe.com/accessibility/products/flash/faq.html>

Flash CS6 Professional Accessibility Features
<http://www.adobe.com/accessibility/products/flash.html>

Adobe Flash Accessibility
<http://sixrevisions.com/usabilityaccessibility/adobe-flash-accessibility-best-practices-for-design>

Adobe Captivate Accessibility Features
<http://www.adobe.com/accessibility/products/flash.html>

Adobe Captivate Accessibility Best Practices
<http://www.adobe.com/accessibility/products/captivate/best-practices.html>

Lectora Accessibility Guide (2008)
<http://www.cdc.gov/training/products/Accessibility508/page13010.html>

Creating Accessible E-Learning with Lectora

<http://www.microassist.com/custom-e-learning/the-learning-dispatch/creating-accessible-e-learning-lectora>

e-Learning Uncovered

<http://elearninguncovered.com/>

Lectora Accessibility Issues

<http://lectora.com/blog/easily-build-your-course-508-compliant-in-lectora/>

Developing Accessible Content in Lectora

http://cdn.lectora.com/how-to-courses/HTML_Developing_Accessible_Content_in_Lectora/index.html

Camtasia Studio Accessibility Problems

<http://accessibility.oit.ncsu.edu/profiles/camtasia-studio.php>

Techsmith VPAT (Camtasia Studio accessibility)

<http://assets.techsmith.com/Docs/VPAT-CamtasiaStudio-8.pdf>

Litmos Author (Rapid Intake)

<https://www.litmosauthor.com/>

Accessible Digital Office Documents

<http://adod.idrc.ocad.ca/>

Tips for Developing Accessible E-Learning with Flash

<http://www.learningsolutionsmag.com/articles/221/tips-for-developing-access>

Creating Accessible Flash Content (WebAIM)

<http://webaim.org/techniques/flash/>

Adobe Captivate: Best Practices for Creating Compliant E-Learning

<http://iconlogic.blogs.com/weblog/2013/10/adobe-captivate-best-practices-for-creating-compliant-elearning.html>

Adobe Captivate: Creating Accessible Projects

http://help.adobe.com/en_US/captivate/cp/using/WSc1b83f70210cd101-157ec7f211c7ef6052c-7fff.html#WSc1b83f70210cd1011d7107e311c7efcf707-8000

Developing Accessible Content in Lectora

http://cdn.lectora.com/how-to-courses/HTML_Developing_Accessible_Content_in_Lectora/index.html

Mathematics

LaTeX

<http://www.latex-project.org/>

LaTeX Symbols Reference

<http://www.access2science.com/latex/>

MathML Home

<http://www.w3.org/Math/>

MathML 3.0

<http://www.w3.org/TR/MathML3/>

MathML Software Accessibility

http://www.w3.org/Math/Software/mathml_software_cat_accessibility.html

Content Packaging Standards

AICC Metadata Description (2006)

<http://www.aicc.org/docs/tech/dels002v1.pdf>

IMS Global Learning Consortium

<http://www.imsglobal.org/>

SCORM (2013) ref scorm accessibility

<http://www.adlnet.gov/wp-content/uploads/2013/11/Choosing-an-LMS-11.pdf>

Online Testing

Guidelines for Accessible Testing and Assessments

<http://www.imsglobal.org/accessibility/accessiblevers/sec9.html>

Accessibility for Developers

Future Web Accessibility: canvas

<http://webaim.org/blog/future-web-accessibility-html-canvas/>

Android Accessibility

<http://developer.android.com/guide/topics/ui/accessibility/index.html>

Social Networking

Facebook Accessibility

<http://www.facebook.com/help/141636465971794>

<https://www.facebook.com/accessibility>

Google Accessibility

<https://sites.google.com/a/umich.edu/going-google/accessibility/accessibility-work-arounds-for-screen-readers/accessibility-for-screen-readers-in-google>

<http://www.google.ca/accessibility/products/>

Google+ Hangouts

<https://hangout-captions.appspot.com/>

<https://plus.google.com/u/0/117291608766433950060/posts/Z1PV8ng3HxU>

Mobile Accessibility

GARI Mobile Accessibility

<http://www.mobileaccessibility.info/>

Windows Mobile Accessibility

<http://www.windowsphone.com/en-ca/how-to/wp8/basics/accessibility-on-my-phone>

<http://www.windowsphone.com/en-us/how-to/wp7/basics/ease-of-access-on-my-phone>

Android Accessibility

<https://www.udemy.com/accessibility-features-on-android/>

iOS Accessibility

<https://nfb.org/blog/atblog/what%E2%80%99s-new-ios-7-accessibility-individuals-who-are-blind-deaf-blind-or-who-have-low>

Accessibility Features of iOS

<https://www.udemy.com/accessibility-features-of-ios-for-the-ipad-and-iphone/>

Secret Powers Hidden in Your iPhones Accessibility Options

<http://lifehacker.com/the-secret-powers-hidden-in-your-iphones-accessibility-816886743>